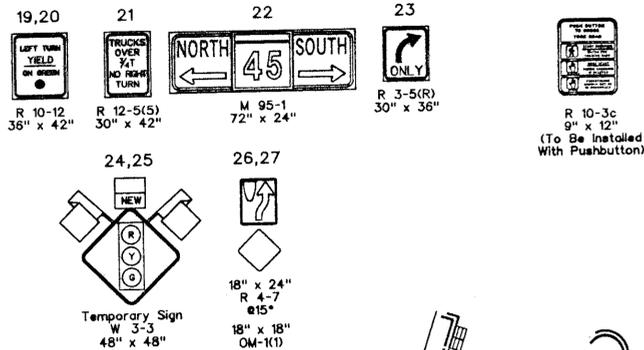
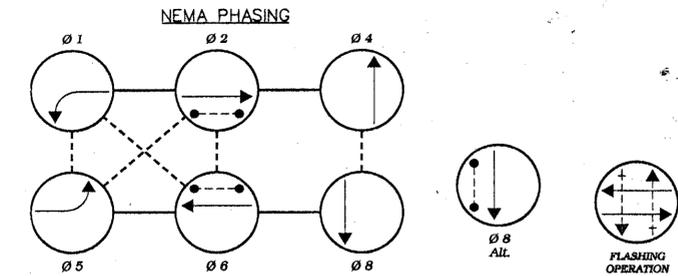


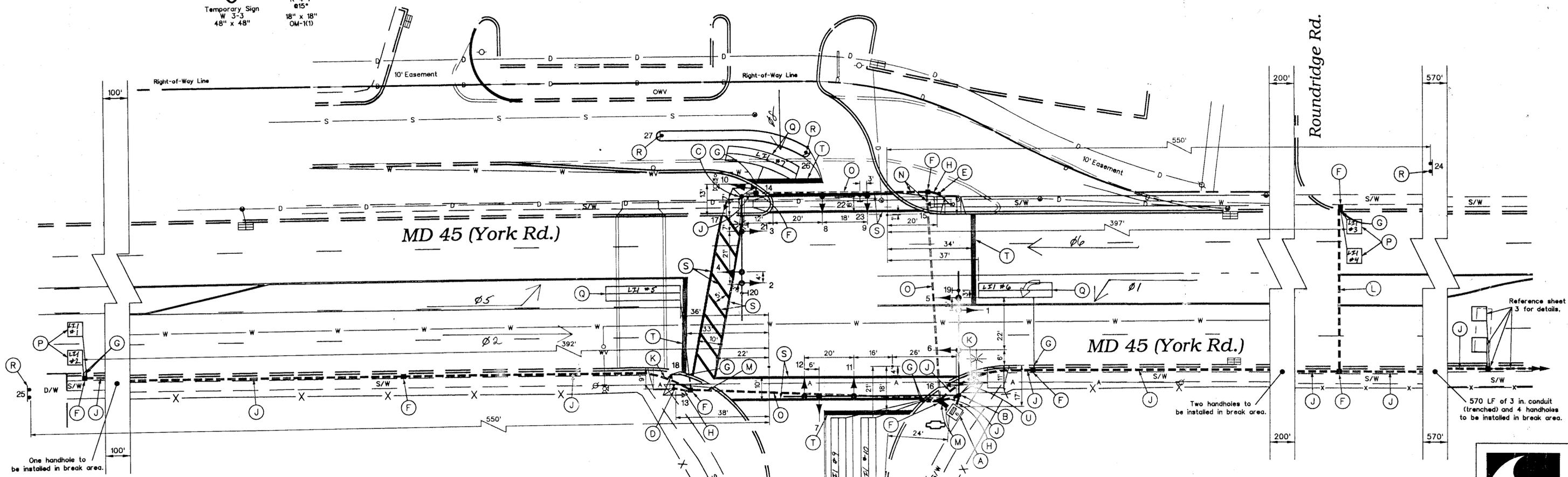
SIGNS



MD 45 (York Rd.) is considered to run in a North/South direction.



PHASING NOTES:
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
 2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment.
- B. Install 21 ft. steel twin mast arm pole (15 ft./ 17 ft. "T") with 50 ft. and 70 ft. (curved) mast arms, vehicle signal heads, signs, pedestrian signal head, and all necessary equipment for an overhead electrical (Type B-8) service (Note: one 3 in. and one 2 in. PVC conduit bend).
- C. Install 27 ft. steel twin mast arm pole (15 ft. "T") with two 50 ft. (curved) mast arms, vehicle signal heads, signs, pedestrian signal heads, pedestrian pushbutton, pedestrian pushbutton sign, 10 ft. luminaire arm, and 250 W HPS luminaire (Note: one 3 in. PVC conduit bend).
- D. Install 10 ft. steel pedestal pole on break away base with pedestrian signal heads, pedestrian pushbutton, and pedestrian pushbutton sign (Note: one 2 in. PVC conduit bend).
- E. Install 10 ft. steel pedestal pole on break away base with pedestrian signal head (Note: one 2 in. PVC conduit bend).
- F. Install handhole.
- G. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
- H. Install 2 in. polyvinyl chloride (Schedule 80) electrical conduit - trenched.
- J. Install 3 in. polyvinyl chloride (Schedule 80) electrical conduit - trenched.
- K. Install 3 in. polyvinyl chloride (Schedule 80) electrical conduit - trenched during construction.
- L. Install 3 in. polyvinyl chloride (Schedule 80) electrical conduit - slotted in roadway.
- M. Install 4 in. polyvinyl chloride (Schedule 80) electrical conduit - trenched.
- N. Install 4 in. polyvinyl chloride (Schedule 80) electrical conduit - trenched during construction.
- O. Install 4 in. polyvinyl chloride (Schedule 80) electrical conduit - slotted in roadway.
- P. Install 6 ft. x 6 ft. vehicle loop detector (4 turns).
- Q. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns).
- R. Install ground mounted sign as shown.
- S. Install 12 in. wide pavement marking - white for crosswalk.
- T. Install 24 in. wide pavement marking - white for stop line.
- U. Proposed overhead electrical service by BG&E.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment is to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. Additional pavement markings to be installed are shown on Sheet 2 of 4. All other pavement markings are to be considered existing.
4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND	REVISIONS	APPROVALS
		 ASST. TRAFFIC ENGINEERING DESIGN DIVISION
		 ASST. DISTRICT ENGINEER, TRAFFIC
		 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
 TRAFFIC ENGINEERING DESIGN DIVISION
 (Traffic Signal Plan)

MD 45 (York Rd.) at Timonium Fairgrounds N. Entrance

DRAWN BY: J.E.S.
 CHECKED BY: M. R. [Signature]
 SCALE: 1" = 20'
 DATE: June 25, 1999

F.A.P. NO. N/A
 S.H.A. NO. XX1005485
 COUNTY: BALTIMORE
 LOG MILE: 03004505.58

TS NO. 3924
 T.I.M.S. NO. C-998
 SHEET NO. 1 OF 4

